

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method of treating a process stream by catalysis, comprising passing the process stream through a chemical reactor containing catalytic material and including the step of passing the process stream through a layer of filter material located in the reactor, the layer comprising shaped porous bodies of ceramic material, the porosity being from about 65% to about 90%, the pores being defined by struts and walls, the pores being coalesced such that the walls are formed between adjacent pores, in at least some of which ~~walls~~ ~~windows~~ are formed windows to allow fluid communication between adjacent pores.
2. (Original) A method according to Claim 1, wherein the pore size of the pores in the porous bodies ranges from about 50 micron to about 1500 micron.
3. (Previously presented) A method according to Claim 1, wherein the window size is less than 450 μm .
4. (Currently amended) A method according to Claim 1, wherein the porosity of the porous bodies exceeds 75% so that substantially all of the pores are ~~all~~-interconnected.

5. (Previously presented) A method according to Claim 1, wherein the density of the body ranges from about 10% to about 30% of theoretical density.
6. (Previously presented) A method according to Claim 1, wherein the pore surfaces of the bodies are coated with catalytic species prior to use.
7. (Previously presented) A method according to Claim 1, wherein the filter material is held in a rotating wheel or slide configuration such that only a proportion of the filter material is exposed to the process stream at any one time and the other portions of the filter are exposed to a regenerative process or being held in a standby mode.
8. Claims 8-17 (Cancelled).